

Education

Certified Courses

- **Oracle Database SQL 1Z0-071** – (Pending)
- **IBM Data Science Professional Certificate** (MAY 2022)
- **Statistics for Data Science** (JUL 2022)
- **Harvard CS50X Computer Science Course** (NOV. 2021)

University of Technology, Jamaica | **B.Eng Civil Engineering**

- Upper Second Class Honors (GPA – 3.28)

Conwall College | High School Diploma

Skills

Database & Programming Languages

SQL, Python, C, JavaScript, HTML/CSS, DAX

Software Tools

Jupyter Notebooks, Microsoft Power BI & Excel, Pandas, Numpy, Seaborn, Matplotlib

Soft Skills

Effective communicator, natural problem solver, critical thinker & decision-maker

Projects

E-Commerce Store for musicians/producers (Full Stack Web-Development)

Implemented Express – Node.js on the backend & MongoDB as the database.

Data Engineering, Analysis, Modelling Project – Machine Learning

Spotify unsupervised song categorization (Kmeans) & descriptive and inferential statistical analysis.

Desktop Application (Software Engineering)

Used Python and PYQT create an application to simplify the data input process for clerks at the National insurance scheme (NIS).

Harvard CS50 Final Project – Web-Development

Full prototype of a audio streaming, social media platform using DJANGO.

Professional Experience

PROMANENG | Project Engineer Dec, 2018 – Feb, 2019

Key responsibilities:

- Execute civil and mechanical construction projects.
- Manage projects and ensure projects are executed on schedule and within budget and/or economically and as per company guidelines.
- Construction project management and engineering design and analysis.
- Specify and procure materials, tools and equipment.
- Supervise construction workers.
- Liaise with clients and suppliers.
- Prepare quotations and tender on jobs.
- Organize site activities and recruit project personnel.
- Carry out site engineering activities: leveling, squaring, aligning, grading, plumbing, etc

Vinci Construction | Quality Control Officer Mar, 2018 – Nov, 2018

Key responsibilities:

- Drive the civil quality control aspects of the project. (Upgrade of the Kingston Wharf)
- Reviewing and inspecting site works to ensure optimum quality. (Beam reinforcements, concrete pours, post pours, pavements, installation of port equipment, etc.)
- Ensuring and verifying that corrective action and preventive action are taken and are effective.
- Liaison with client representative to assist with product delivery
- Ensure compliance with applicable standard, Project requirements and partner's expectation.
- Draft & Submit Non- Conformity report for non-compliance of site works.
- Perform inspection and documentation of all structural work in progress.
- Install and perform and inclinometer readings.

Professional Experience – contd.

JMMB | Human Resource Intern
Apr, 2014 – Feb, 2018

Key responsibilities:

- Facilitate invoice payments to internal and external clients
- Manage employee leave records
- Provide additional HR assistance as required
- Provide event planning support to Culture and Internal Communication Specialist

Otiga | Construction Engineering Intern
Mar, 2018 – Nov, 2018

Key responsibilities:

- Assist Supervisor with record keeping and work schedule (program of works)
- Assist tradesmen in carrying out works such as painting, masonry work including casting of floor slab, surveying (levels), carpentry (including roofing)

Extra-curricular Activities

National Society of Black Engineers UTech Chapter (NSBE) | Vice President – **(2015–2017)**

Rotaract Club of UTech | Member – **(2015–2017)**

Jamaica Institution of Engineers, UTech Chapter (JIE) | Member – **(2013–2017)**

Interests/Hobbies

Music Production, Playing Guitar & Keyboard, Video Editing, Philosophy, Writing, Reading, Formula One Racing, Anime, Hiking

References

Andrew Bruce-Miller | PROMANENG – 1 (876) 620-5940

Simone Dunbar | JMMB – 1 (876) 869- 0190